

REMARKS

Initially, Applicants gratefully acknowledges the Examiner's recognition of the allowability of claims 5, 6 and 20. The substantive features of these claims have been incorporated into independent claims 1 and 16 while claims 5 and 20 (which depend from claims 1 and 16) have been amended to delete such features. Claim 6 has been cancelled.

Drawing Objections

In the subject Office Action, the Examiner objected to the drawings under 37 CFR 1.83(a) for not showing every feature of the invention as specified in claims 13, 14, 17 and 18. Claims 13, 14, 17 and 18 have been cancelled without prejudice.

Claim Objections

The Examiner objected to claims 15 and 16 for recitation of "the interior surface" without antecedent basis. Claims 1 (which claim 15 depends from) and 16 have been amended to provide the antecedent basis for reciting such a feature. As a result, this objection is moot.

Rejections under 35 U.S.C. § 102

The Examiner rejected claims 1, 2, 3, 7, 8, 11, 16, and 19 under 35 USC 102(b) as being anticipated by Ackerman (USP 5,181,216). Independent claims 1 and 16 have been amended and therefore, are believed to be in a condition for allowance.

In particular, claim 1 has been amended to include substantive features of allowable original claims 5 and 6, “a reflective surface disposed inside the housing *selected from one of a side wall of the housing and an interior surface of a cover of the housing* to reflect said second output” (emphasis added). For at least this reason, Applicants respectfully submits that claim 1, as amended, is patentable over Ackerman.

Independent claim 16 has also been amended to include similar such features from allowable original claim 20 (“said providing of a reflective surface comprises providing a reflective interior surface to a housing”). Resultantly, Applicants respectfully submit that claim 16 is also patentable over Ackerman. Claims 2, 3, 7, 8, 11 and 19 depend from claims 1 and 16. Thus, by virtue of their dependency and for at least the reasons discussed above with respect to claims 1 and 16, Applicants respectfully submit that claims 2, 3, 7, 8, 11 and 19 are patentable over Ackerman.

Claims 16 and 19 were rejected under 35 USC 102(b) as being anticipated by Hamerslag (USP 4,854,659). Applicants respectfully submit that for at least the same reason that claims 16 and 19 are patentable over Ackerman, claims 16 and 19 are likewise patentable over Hamerslag.

Rejections under 35 U.S.C. § 103

The Examiner rejected claim 12 under 35 USC 103(a) as being obvious over Ackerman. Applicants respectfully submit that claim 12 is patentable over Ackerman for at least the following reason.

Claim 12 is dependent on claim 11, which depends from independent claim 1, and therefore, incorporates the features of claim 1. Therefore, for at least the reason discussed above for claim 1, claim 12 is patentable over Ackerman.

Claims 1-4, 7-10, 15, 16 and 19 were rejected under 35 USC 103(a) as being unpatentable over Yang (USP 5,808,293).

As previously discussed, claims 1 and 16 have been amended to include the substantive features of allowable original claims 5, 6 and 20. For at least this reason, claims 1 and 16 are patentable over Yang. Claims 2-4, 7-10, 15 and 19 depend from independent claims 1 and 16. Therefore, by virtue of their dependency, claims 2-4, 7-10, 15 and 19 are also patentable over Yang.

Claims 13, 14, 17 and 18 were rejected under 35 USC 103(a) as being unpatentable over Yang in view of Levinson (USP 5,019,769). As discussed previously, claims 13, 14, 17 and 18 have been cancelled without prejudice.

Conclusion

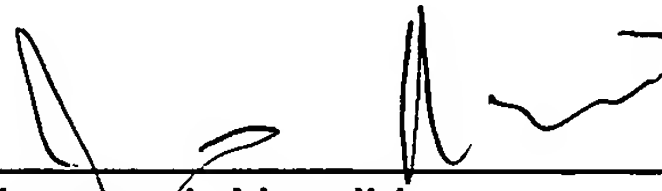
In view of the foregoing, Applicant respectfully submits that claims 1-5, 7- 12, 15- 16 and 19-20 are in condition for allowance. Early issuance of the Notice of Allowance is respectfully requested.

Please charge any shortages and credit any overages to Deposit Account No. 500393.

Respectfully submitted,
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Dated: 12 / 31 / 03

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